

IN THE CLAIMS:

Amendments to the Claims

Please cancel claims 1-3 without prejudice or disclaimer of the subject matter thereof, and please add the new claims as set forth below.

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-3 (canceled)

4. (new) A magnetic recording and reading device comprising:
- a magnetic recording medium having a substrate and a magnetic layer formed on the substrate;
 - a magnetic head comprising a recording head having a magnetic core having a magnetic core length l_1 of not more than $35\ \mu\text{m}$, and a reading head provided with a read element having a track width of not more than $0.9\ \mu\text{m}$; and
 - a R/W-IC;
- wherein the magnetic layer contains (1) at least one metal element selected from a first group consisting of Co, Fe and Ni as a primary component, (2) at least two elements selected from a second group consisting of Cr, Mo, W, V, Nb, Ta, Ti, Zr, Hf, Pd, Pt, Rh, Ir and Si, and (3) at least one element selected from a third group consisting of La, Ce, Pr, Nd, Pm, Sm, Eu, Gd, Td, Dy, Ho, Er, Tm, Yb, Lu, Bi, Sb, Pb, Sn, Ge and B, said at least one element selected from the third group being in an amount of 0.1 to 15 atomic %.

5. (new) A magnetic recording and reading device according to claim 4, wherein a part of the magnetic core is formed by a magnetic film having one of a resistivity exceeding at least $50 \mu\Omega\text{cm}$ and a multilayer film having a magnetic film and an insulating film, the magnetic head being mounted on an integrated circuit suspension so that a total inductance is not more than 65 nH.

6. (new) A magnetic recording and reading device according to claim 4, wherein the R/W-IC has a line width of not more than $0.35 \mu\text{m}$.

7. (new) A magnetic recording and reading device according to claim 4, wherein the recording head has a magnetic pole length l_2 of not more than $50 \mu\text{m}$.

8. (new) A magnetic recording and reading device according to claim 4, wherein the magnetic layer contains amorphous material.

9. (new) A magnetic recording and reading device according to claim 4, wherein the magnetic recording medium further comprising a non-magnetic layer containing at least one element selected from the group consisting of Cr, Mo, W, V, Nb, Ta, Zr, Hf, Ti, Ge, Si, Co, Ni, C and B.